

**What is claimed is:**

1           1.    1.    A roller comprising:  
2           a shaft; and  
3           a sponge sleeve, enclosing the shaft;  
4           wherein a central portion of the shaft is thicker than  
5           the ends of the shaft.

1           2.    2.    A roller comprising:  
2           a shaft;  
3           a sponge sleeve, enclosing the shaft; and  
4           an inflatable chamber, disposed between the shaft and  
5           the sponge sleeve, a central portion thereof  
6           thicker than the ends thereof.

1           3.    3.    The roller as claimed in claim 2, wherein  
2           the inflatable chamber is of elastic materials.

1           4.    4.    The roller as claimed in claim 3, wherein by  
2           introducing a working flow into the inflatable chamber, the  
3           thickness of the central portion of the inflatable chamber  
4           is adjustable.

1           5.    5.    The roller as claimed in claim 4, wherein  
2           the working flow is air.

1           6.    6.    A cleaning apparatus comprising:  
2           the roller as claimed in claim 4;  
3           a rotary joint, disposed on the roller; and  
4           a supply apparatus, connected to the rotary joint.